

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(spin\$3valve or (spin adj3 valve)) and (free adj3 layer) and (AP or ((antiparallel or anti\$3parallel) adj6 (self\$2pin\$4 or (self adj3 (pin\$2 or pinned or pinnin\$2)))))) and ((non\$2magnetic or (non adj3 magnetic)) adj8 spacer) and ((pinned or pin\$2 or pinnin\$2) same (cobalt\$2iron or (cobalt adj3 iron) or CO)) and ((pinned or pin\$2) same (cobalt adj8 ((without or "no") adj4 iron))) and (APC or (anti\$2parallel or (anti adj2 parallel))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/27 11:54
L2	1	((spin\$3valve or (spin adj3 valve)) and (free adj3 layer) and (AP or ((antiparallel or anti\$3parallel) adj6 (self\$2pin\$4 or (self adj3 (pin\$2 or pinned or pinnin\$2)))))) and ((non\$2magnetic or (non adj3 magnetic)) adj8 spacer) and ((pinned or pin\$2 or pinnin\$2) same (cobalt\$2iron or (cobalt adj3 iron) or CO)) and ((pinned or pin\$2) same (cobalt adj8 ((without or "no") adj4 iron))) and (APC or (anti\$2parallel or (anti adj2 parallel))))).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/27 11:56
L3	9943	"no iron" or (without adj6 iron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/27 11:56
L4	2	(("6700755") or ("20050068693")).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/27 11:57
L5	0	("I3andI4").PN:	US-PGPUB; USPAT	OR	OFF	2006/05/27 11:57